

* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 "Ask CAS" for self-help around the clock
NEWS 3 FEB 25 CA/CAPLUS - Russian Agency for Patents and Trademarks
 (ROSPATENT) added to list of core patent offices covered
NEWS 4 FEB 28 PATDPAFULL - New display fields provide for legal status
 data from INPADOC
NEWS 5 FEB 28 BABS - Current-awareness alerts (SDIs) available
NEWS 6 FEB 28 MEDLINE/LMEDLINE reloaded
NEWS 7 MAR 02 GBFULL: New full-text patent database on STN
NEWS 8 MAR 03 REGISTRY/ZREGISTRY - Sequence annotations enhanced
NEWS 9 MAR 03 MEDLINE file segment of TOXCENTER reloaded
NEWS 10 MAR 22 KOREAPAT now updated monthly; patent information enhanced
NEWS 11 MAR 22 Original IDE display format returns to REGISTRY/ZREGISTRY
NEWS 12 MAR 22 PATDPASPC - New patent database available
NEWS 13 MAR 22 REGISTRY/ZREGISTRY enhanced with experimental property tags
NEWS 14 APR 04 EPFULL enhanced with additional patent information and new
 fields
NEWS 15 APR 04 EMBASE - Database reloaded and enhanced
NEWS 16 APR 18 New CAS Information Use Policies available online
NEWS 17 APR 25 Patent searching, including current-awareness alerts (SDIs),
 based on application date in CA/CAPLUS and USPATFULL/USPAT2
 may be affected by a change in filing date for U.S.
 applications.
NEWS 18 APR 28 Improved searching of U.S. Patent Classifications for
 U.S. patent records in CA/CAPLUS
NEWS 19 MAY 23 GBFULL enhanced with patent drawing images
NEWS 20 MAY 23 REGISTRY has been enhanced with source information from
 CHEMCATS

NEWS EXPRESS JANUARY 10 CURRENT WINDOWS VERSION IS V7.01a, CURRENT
 MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
 AND CURRENT DISCOVER FILE IS DATED 10 JANUARY 2005

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 23:20:15 ON 25 MAY 2005

=> file uspatfull

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.21	0.21

FULL ESTIMATED COST

FILE 'USPATFULL' ENTERED AT 23:21:05 ON 25 MAY 2005

CA INDEXING COPYRIGHT (C) 2005 AMERICAN CHEMICAL SOCIETY (ACS)

FILE COVERS 1971 TO PATENT PUBLICATION DATE: 24 May 2005 (20050524/PD)

FILE LAST UPDATED: 24 May 2005 (20050524/ED)

HIGHEST GRANTED PATENT NUMBER: US6898801

HIGHEST APPLICATION PUBLICATION NUMBER: US2005108799

CA INDEXING IS CURRENT THROUGH 24 May 2005 (20050524/UPCA)

ISSUE CLASS FIELDS (/INCL) CURRENT THROUGH: 24 May 2005 (20050524/PD)

REVISED CLASS FIELDS (/NCL) LAST RELOADED: Apr 2005

USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Apr 2005

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>>> USPAT2 is now available.  USPATFULL contains full text of the  <<<
>>> original, i.e., the earliest published granted patents or  <<<
>>> applications.  USPAT2 contains full text of the latest US  <<<
>>> publications, starting in 2001, for the inventions covered in  <<<
>>> USPATFULL.  A USPATFULL record contains not only the original  <<<
>>> published document but also a list of any subsequent  <<<
>>> publications.  The publication number, patent kind code, and  <<<
>>> publication date for all the US publications for an invention  <<<
>>> are displayed in the PI (Patent Information) field of USPATFULL  <<<
>>> records and may be searched in standard search fields, e.g., /PN, <<<
>>> /PK, etc.  <<<
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>>> USPATFULL and USPAT2 can be accessed and searched together  <<<
>>> through the new cluster USPATALL.  Type FILE USPATALL to  <<<
>>> enter this cluster.  <<<
>>>  <<<
>>> Use USPATALL when searching terms such as patent assignees,  <<<
>>> classifications, or claims, that may potentially change from  <<<
>>> the earliest to the latest publication.  <<<
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This file contains CAS Registry Numbers for easy and accurate substance identification.

=> file uspatall

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	1.40	1.61

FILE 'USPATFULL' ENTERED AT 23:21:21 ON 25 MAY 2005

CA INDEXING COPYRIGHT (C) 2005 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'USPAT2' ENTERED AT 23:21:21 ON 25 MAY 2005

CA INDEXING COPYRIGHT (C) 2005 AMERICAN CHEMICAL SOCIETY (ACS)

=> e staggs/in

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E1      2      STAGGL ROMED/IN
E2      1      STAGGL RONALD/IN
E3      0 --> STAGGS/IN
E4      1      STAGGS ALVIN D/IN
E5      8      STAGGS ARNOL/IN
E6      2      STAGGS DARCY E/IN
E7      7      STAGGS DARRELL W/IN
E8      3      STAGGS DAVID/IN
E9      2      STAGGS DENNIS/IN
E10     1      STAGGS GEORGE W/IN
E11     2      STAGGS GREGORY D/IN
E12     1      STAGGS GREGORY W/IN
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=> e

E13 2 STAGGS HAVARD L/IN
 E14 9 STAGGS JAMES W/IN
 E15 5 STAGGS JEFF J/IN
 E16 1 STAGGS JEFFREY WILLIAM/IN
 E17 2 STAGGS JESSE D/IN
 E18 1 STAGGS JIMMY L/IN
 E19 1 STAGGS JR SLONE/IN
 E20 1 STAGGS JR WILLIAM C/IN
 E21 8 STAGGS KEVIN P/IN
 E22 1 STAGGS LAURIE/IN
 E23 1 STAGGS LINDA J/IN
 E24 2 STAGGS MARK A/IN

=> z @15

L1 5 "STAGGS JEFF J"/IN

=> d 1-5

L1 ANSWER 1 OF 5 USPATFULL on STN

Full Text	Citing References
-----------	-------------------

AN 2005:68590 USPATFULL
 TI Treatment for bacterial infections and related disorders
 IN **Staggs, Jeff J.**, Highlands Ranch, CO, UNITED STATES
 PI US 2005058729 A1 20050317
 AI US 2003-620794 A1 20030715 (10)
 RLI Continuation-in-part of Ser. No. US 2000-571644, filed on 15 May 2000, GRANTED, Pat. No. US 6593371 Continuation-in-part of Ser. No. WO 1993-US4763, filed on 19 May 1993, PENDING
 DT Utility
 FS APPLICATION
 LN.CNT 742
 INCL INCLM: 424/734.000
 INCLS: 424/760.000
 NCL NCLM: 424/734.000
 NCLS: 424/760.000
 IC [7]
 ICM: A61K035-78

L1 ANSWER 2 OF 5 USPATFULL on STN

Full Text	Citing References
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AN 2003:190795 USPATFULL
 TI Treatment for wart and related disorders
 IN **Staggs, Jeff J.**, 1285 E. Goldsmith Dr., Highlands Ranch, CO, United States 80126
 PI US 6593371 B1 20030715
 AI US 2000-571644 20000515 (9)
 RLI Continuation-in-part of Ser. No. WO 1993-US4763, filed on 19 May 1993
 DT Utility
 FS GRANTED
 LN.CNT 737
 INCL INCLM: 514/627.000
 INCLS: 514/031.000
 NCL NCLM: 514/627.000
 NCLS: 514/031.000
 IC [7]
 ICM: A61K031-16
 ICS: A61K031-70
 EXF 514/627; 514/31

L1 ANSWER 3 OF 5 USPATFULL on STN

Full Text	Citing References
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AN 2001:84556 USPATFULL
 TI Container for producing cold foods and beverages
 IN **Staggs, Jeff J.**, 7474 E. Arkansas Ave. #8-10, Denver, CO, United States 80231
 PI US 37213 E1 20010612
 US 5271244 19931221 (Original)
 AI US 1995-579091 19951221 (8)
 US 1992-820480 19920114 (Original)
 DT Reissue
 FS GRANTED
 LN.CNT 1962
 INCL INCLM: 062/457.300
 INCLS: 062/530.000
 NCL NCLM: 062/457.300
 NCLS: 062/530.000
 IC [7]
 ICM: F25D003-06
 EXF 062/457.3; 062/457.4; 062/457.5; 062/529; 062/530; 062/389; 062/1

L1 ANSWER 4 OF 5 USPATFULL on STN

Full Text	Citing References
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AN 2000:61198 USPATFULL
 TI Therapeutic uses of pungent botanicals and their related compounds
 IN **Staggs, Jeff J.**, 7474 E. Arkansas Ave. #8-10, Denver, CO, United States 80231
 PI US 6063381 20000516
 WO 9323061 19931125
 AI US 1997-338489 19970318 (8)
 WO 1993-US4763 19930519
 19970318 PCT 371 date
 19970318 PCT 102(e) date
 DT Utility
 FS Granted
 LN.CNT 2066
 INCL INCLM: 424/195.100
 INCLS: 514/627.000; 514/858.000
 NCL NCLM: 424/734.000
 NCLS: 424/760.000; 514/627.000; 514/858.000
 IC [7]
 ICM: A61K035-78
 ICS: A61K031-16
 EXF 424/195.1; 514/627; 514/858

L1 ANSWER 5 OF 5 USPATFULL on STN

Full Text	Citing References
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AN 93:106122 USPATFULL
 TI Container for producing cold foods and beverages
 IN **Staggs, Jeff J.**, 7474 E. Arkansas Ave. #8-10, Denver, CO, United States 80231
 PI US 5271244 19931221
 AI US 1992-820480 19920114 (7)
 DT Utility
 FS Granted
 LN.CNT 1780

INCL INCLM: 062/457.300
 INCLS: 062/530.000
 NCL NCLM: 062/457.300
 NCLS: 062/530.000
 IC [5]
 ICM: F25D003-08
 EXF 062/457.2; 062/457.3; 062/457.4; 062/529; 062/530

=> s pepper
 L2 8199 PEPPER

=> s pepper/clm
 L3 930 PEPPER/CLM

=> s (antibacter? or antimicrobi?)
 L4 67727 (ANTIBACTER? OR ANTIMICROBI?)

=> s (antibacter? or antimicrobi?)/clm
 L5 11319 (ANTIBACTER? OR ANTIMICROBI?)/CLM

=> s l2 and l4
 L6 857 L2 AND L4

=> s l3 and l5
 L7 14 L3 AND L5

=> d 1-14

L7 ANSWER 1 OF 14 USPATFULL on STN

Full Text	Citing References
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AN 2005:68590 USPATFULL
 TI Treatment for bacterial infections and related disorders
 IN Staggs, Jeff J., Highlands Ranch, CO, UNITED STATES
 PI US 2005058729 A1 20050317
 AI US 2003-620794 A1 20030715 (10)
 RLI Continuation-in-part of Ser. No. US 2000-571644, filed on 15 May 2000, GRANTED, Pat. No. US 6593371 Continuation-in-part of Ser. No. WO 1993-US4763, filed on 19 May 1993, PENDING
 DT Utility
 FS APPLICATION
 LN.CNT 742
 INCL INCLM: 424/734.000
 INCLS: 424/760.000
 NCL NCLM: 424/734.000
 NCLS: 424/760.000
 IC [7]
 ICM: A61K035-78

L7 ANSWER 2 OF 14 USPATFULL on STN

Full Text	Citing References
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AN 2005:62537 USPATFULL
 TI Composition for promoting hair growth
 IN Hwang, Seong-Lok, Chungcheongbuk-do, KOREA, REPUBLIC OF
 Yoon, In-Byeong, Chungcheongbuk-do, KOREA, REPUBLIC OF
 Lee, Min-Ho, Daejeon-city, KOREA, REPUBLIC OF
 Chang, Sug-Youn, Daejeon-city, KOREA, REPUBLIC OF
 Rang, Moon-Jeong, Daejeon-city, KOREA, REPUBLIC OF

Ahn, Ho-Jeong, Daejeon-city, KOREA, REPUBLIC OF
 PI US 2005053572 A1 20050310
 AI US 2004-490842 A1 20041008 (10)
 WO 2001-KR1642 20010928
 DT Utility
 FS APPLICATION
 LN.CNT 357
 INCL INCLM: 424/074.000
 INCLS: 424/770.000; 424/778.000; 424/728.000; 514/458.000; 514/159.000
 NCL NCLM: 424/074.000
 NCLS: 424/770.000; 424/778.000; 424/728.000; 514/458.000; 514/159.000
 IC [7]
 ICM: A61K035-78
 ICS: A61K007-06; A61K031-355; A61K031-60
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 3 OF 14 USPATFULL on STN

Full Text	Citing References
AN 2004:166197	USPATFULL
TI Non-obligate predator bacterium burkholderia casidae and uses thereof	
IN Casida, Lester Earl, JR., State College, PA, UNITED STATES	
Falkinham, Joseph Oliver, III, Blacksburg, VA, UNITED STATES	
Cain, Cody Christopher, Decatur, GA, UNITED STATES	
PI US 2004127687	A1 20040701
AI US 2004-776767	A1 20040210 (10)
RLI Continuation of Ser. No. <u>US 2001-985846</u> , filed on 6 Nov 2001, GRANTED, Pat. No. <u>US 6689357</u> Division of Ser. No. <u>US 1998-63898</u> , filed on 22 Apr 1998, GRANTED, Pat. No. <u>US 6319497</u>	
PRAI US 1997-44532P	19970423 (60)
DT Utility	
FS APPLICATION	
LN.CNT 2403	
INCL INCLM: 530/350.000	
NCL NCLM: 530/350.000	
IC [7]	
ICM: C07K001-00	
ICS: C07K014-00; C07K017-00	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.	

L7 ANSWER 4 OF 14 USPATFULL on STN

Full Text	Citing References
AN 2004:94305	USPATFULL
TI Inhalation antiviral patch	
IN Rolf, David, Eden Prairie, MN, UNITED STATES	
PI US 2004071757	A1 20040415
AI US 2003-458078	A1 20030610 (10)
RLI Continuation-in-part of Ser. No. <u>US 2002-300559</u> , filed on 20 Nov 2002, PENDING	
PRAI US 2001-333109P	20011120 (60)
DT Utility	
FS APPLICATION	
LN.CNT 2987	
INCL INCLM: 424/443.000	
INCLS: 424/778.000	
NCL NCLM: 424/443.000	
NCLS: 424/778.000	
IC [7]	
ICM: A61K035-78	

ICS: A61K009-70

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 5 OF 14 USPATFULL on STN

Full Text	Citing References
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AN 2003:306128 USPATFULL
 TI Labiatae herb extract compositions readily dispersible in cold brine
 IN Todd, Paul H., JR., Kalamazoo, MI, UNITED STATES
 Williams, P. Douglas, Kalamazoo, MI, UNITED STATES
 Reynhout, Gregory S., Kalamazoo, MI, UNITED STATES
 Walter, Polly A., Kalamazoo, MI, UNITED STATES
 PI US 2003215560 A1 20031120
 AI US 2003-409038 A1 20030408 (10)
 PRAI US 2002-370850P 20020408 (60)
 DT Utility
 FS APPLICATION
 LN.CNT 640
 INCL INCLM: 426/650.000
 INCLS: 426/655.000
 NCL NCLM: 426/650.000
 NCLS: 426/655.000
 IC [7]
 ICM: A23L001-221

L7 ANSWER 6 OF 14 USPATFULL on STN

Full Text	Citing References
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AN 2003:282377 USPATFULL
 TI Process for improving the durability of, and/or stabilizing, microbially perishable products
 IN Schur, Jorg Peter, Wegberg, GERMANY, FEDERAL REPUBLIC OF
 PI US 2003198718 A1 20031023
 AI US 2003-357726 A1 20030204 (10)
 RLI Continuation of Ser. No. US 2000-620872, filed on 21 Jul 2000, GRANTED, Pat. No. US 6514551 Continuation-in-part of Ser. No. US 1997-737655, filed on 18 Feb 1997, ABANDONED A 371 of International Ser. No. WO 1996-EP1364, filed on 28 Mar 1996, UNKNOWN
 PRAI DE 1995-19512147 19950331
 DT Utility
 FS APPLICATION
 LN.CNT 1552
 INCL INCLM: 426/335.000
 NCL NCLM: 426/335.000
 IC [7]
 ICM: A23K001-00

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 7 OF 14 USPATFULL on STN

Full Text	Citing References
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AN 2003:237314 USPATFULL
 TI Non-obligate predatory bacterium burkholderia casidae and uses thereof
 IN Casida, Lester Earl, JR., State College, PA, UNITED STATES
 Falkinham, Joseph Oliver, III, Blacksburg, VA, UNITED STATES
 Cain, Cody Christopher, Decatur, GA, UNITED STATES
 PA Virginia Tech Intellectual Properties, Inc. (U.S. corporation)
 PI US 2003165471 A1 20030904
 US 6689357 B2 20040210
 AI US 2001-985846 A1 20011106 (9)

RLI Division of Ser. No. US 1998-63898, filed on 22 Apr 1998, GRANTED, Pat.
 No. US 6319497
 PRAI US 1997-44532P 19970423 (60)
 DT Utility
 FS APPLICATION
 LN.CNT 2439
 INCL INCLM: 424/093.400
 INCLS: 424/405.000
 NCL NCLM: 424/093.470
 NCLS: 424/093.400; 435/252.340; 435/874.000
 IC [7]
 ICM: A01N063-00
 ICS: A01N025-00
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 8 OF 14 USPATFULL on STN

Full Text	Citing References
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AN 2003:219386 USPATFULL
 TI Process for producing foods having good keeping qualities and food
 keeping agents
 IN Yajima, Mizuo, Tokyo, JAPAN
 Nozaki, Kazuhiko, Tokyo, JAPAN
 Muroya, Kenkou, Kagoshima, JAPAN
 Yoshinaga, Kazuhiro, Kagoshima-shi, JAPAN
 Fujisue, Mami, Kagoshima-shi, JAPAN
 PI US 2003152676 A1 20030814
US 6824801 B2 20041130
 AI US 2002-182668 A1 20020731 (10)
WO 2001-JP613 20010130
 DT Utility
 FS APPLICATION
 LN.CNT 1827
 INCL INCLM: 426/268.000
 NCL NCLM: 426/326.000
 NCLS: 426/321.000; 426/335.000
 IC [7]
 ICM: A23L001-27
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 9 OF 14 USPATFULL on STN

Full Text	Citing References
-----------	-------------------

AN 2002:174801 USPATFULL
 TI Cosmetic skin treatment method and cleansing treatment patch
 IN Gueret, Jean-Louis H., Paris, FRANCE
 PA L'Oreal S.A., Paris, FRANCE (non-U.S. corporation)
 PI US 6419935 B1 20020716
 AI US 1999-363171 19990729 (9)
 PRAI FR 1998-9794 19980730
FR 1998-9795 19980730
FR 1998-9880 19980731
 DT Utility
 FS GRANTED
 LN.CNT 950
 INCL INCLM: 424/401.000
 INCLS: 424/078.030; 424/448.000; 128/268.000
 NCL NCLM: 424/401.000
 NCLS: 424/078.030; 424/448.000; 424/449.000
 IC [7]

ICM: A61K007-00

ICS: A61K007-48

EXF 424/401; 424/78.03; 424/448; 128/268

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 10 OF 14 USPATFULL on STN

Full Text	Cited References
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AN 2002:164430 USPATFULL

TI Sustained release pest control products and their applications

IN Voris, Peter Van, Richland, WA, UNITED STATES

Cataldo, Dominic A., Kennewick, WA, UNITED STATES

Lipinsky, Edward J., Worthington, OH, UNITED STATES

PI US 2002086044 A1 20020704

AI US 2001-993611 A1 20011127 (9)

RLI Continuation-in-part of Ser. No. US 1999-347704, filed on 3 Jul 1999, GRANTED, Pat. No. US 6322803

DT Utility

FS APPLICATION

LN.CNT 1111

INCL INCLM: 424/406.000

NCL NCLM: 424/406.000

IC [7]

ICM: A01N025-32

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 11 OF 14 USPATFULL on STN

Full Text	Cited References
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AN 2001:158556 USPATFULL

TI Nucleic acids encoding plant group 2 proteins and uses thereof

IN Baden, Catherine S., Martinez, CA, United States

Dunsmuir, Pamela, Piedmont, CA, United States

Lee, Kathleen Y., Oakland, CA, United States

PA DNA Plant Technology Corporation, Oakland, CA, United States (U.S. corporation)

PI US 6291744 B1 20010918

AI US 1998-127646 19980731 (9)

RLI Continuation-in-part of Ser. No. US 1996-761549, filed on 6 Dec 1996, now patented, Pat. No. US 5981727 Continuation-in-part of Ser. No. US 1994-289458, filed on 20 Aug 1994, now patented, Pat. No. US 5608144

DT Utility

FS GRANTED

LN.CNT 2197

INCL INCLM: 800/301.000

INCLS: 800/278.000; 800/279.000; 800/287.000; 536/023.600; 435/320.100; 435/419.000; 435/468.000

NCL NCLM: 800/301.000

NCLS: 435/320.100; 435/419.000; 435/468.000; 536/023.600; 800/278.000; 800/279.000; 800/287.000

IC [7]

ICM: A01H005-00

ICS: C12N015-82

EXF 536/23.6; 800/278; 800/279; 800/298; 800/301; 800/287; 435/69.1; 435/320.1; 435/419; 435/468

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 12 OF 14 USPATFULL on STN

Full Text	Cited References
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AN 96:50644 USPATFULL
 TI Food composition containing antimicrobial plant distillate
 IN Fukunaga, Toshikazu, Hyogo, Japan
 PA Shiraimatsu Shinyaku Kabushiki Kaisha, Minakuchi-cho, Japan (non-U.S. corporation)
 Itochu Fine Chemical Corporation, Tokyo, Japan (non-U.S. corporation)
PI US 5525340 19960611
AI US 1994-189143 19940131 (8)
PRAI JP 1993-39517 19930202
 DT Utility
 FS Granted
 LN.CNT 380
 INCL INCLM: 424/195.100
 INCLS: 426/615.000; 514/783.000
 NCL NCLM: 424/734.000
 NCLS: 426/615.000; 514/783.000
 IC [6]
 ICM: A61K035-78
 EXF 424/195.1; 426/615; 514/783

L7 ANSWER 13 OF 14 USPAT2 on STN

Full Text	Citing References
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AN 2003:237314 USPAT2
 TI Non-obligate predatory bacterium Burkholderia casidae and uses thereof
 IN Casida, Jr., Lester Earl, State College, PA, United States
 Falkinham, III, Joseph Oliver, Blacksburg, VA, United States
 Cain, Cody Christopher, Decatur, GA, United States
 PA Virginia Tech Intellectual Properties, Inc., Blacksburg, VA, United States (U.S. corporation)
 The Penn State Research Foundation, University Park, PA, United States (U.S. corporation)
PI US 6689357 B2 20040210
AI US 2001-985846 20011106 (9)
RLI Division of Ser. No. US 1998-63898, filed on 22 Apr 1998, now patented, Pat. No. US 6319497
PRAI US 1997-44532P 19970423 (60)
 DT Utility
 FS GRANTED
 LN.CNT 2233
 INCL INCLM: 424/093.470
 INCLS: 424/093.400; 435/252.340; 435/874.000
 NCL NCLM: 424/093.470
 NCLS: 424/093.400; 435/252.340; 435/874.000
 IC [7]
 ICM: C12N001-20
 EXF 424/93.47; 424/93.4; 435/252.34; 435/874
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 14 OF 14 USPAT2 on STN

Full Text	Citing References
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AN 2003:219386 USPAT2
 TI Process for producing foods having good keeping qualities and food keeping agents
 IN Yajima, Mizuo, Tokyo, JAPAN
 Nozaki, Kazuhiko, Tokyo, JAPAN
 Muroya, Kenkou, Kagoshima, JAPAN
 Yoshinaga, Kazuhiro, Kagoshima, JAPAN
 Fujisue, Mami, Kagoshima, JAPAN

PA Nihon Starch Co., Ltd., Kagoshima, JAPAN (non-U.S. corporation)
 PI US 6824801 B2 20041130
WO 2001056408 20010809
 AI US 2002-182668 20020731 (10)
WO 2001-JP613 20010130
 20020731 PCT 371 date
 PRAI JP 2000-21259 20000131
JP 2000-21260 20000131
JP 2000-21261 20000131
JP 2000-21262 20000131
 DT Utility
 FS GRANTED
 LN.CNT 1578
 INCL INCLM: 426/326.000
 INCLS: 426/335.000; 426/321.000
 NCL NCLM: 426/326.000
 NCLS: 426/321.000; 426/335.000
 IC [7]
 ICM: A23L003-34
 EXF 426/262; 426/268; 426/310; 426/321; 426/326; 426/335
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d an ti pi so kwic 12

'SO' IS NOT A VALID FORMAT

In a multifile environment, a format can only be used if it is valid in at least one of the files. Refer to file specific help messages or the STNGUIDE file for information on formats available in individual files.

REENTER DISPLAY FORMAT FOR ALL FILES (FILEDEFAULT):d an ti pi kwic 12

'D' IS NOT A VALID FORMAT

'12' IS NOT A VALID FORMAT

In a multifile environment, a format can only be used if it is valid in at least one of the files. Refer to file specific help messages or the STNGUIDE file for information on formats available in individual files.

REENTER DISPLAY FORMAT FOR ALL FILES (FILEDEFAULT):end

=> d an ti pi kwic 12

L7 ANSWER 12 OF 14 USPATFULL on STN

Full Text	References
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AN 96:50644 USPATFULL

TI Food composition containing antimicrobial plant distillate

PI US 5525340 19960611

CLM What is claimed is:

1. A method of preparing a food composition comprising combining food product with an **antimicrobial** distillate obtained by the dry distillation at a temperature of 130° to 220° C. and at a pressure of 10 to 50 mmHg of at least one plant selected from the group consisting of Sasa veitchii, Guninea **pepper**, sesame, parsley and rooibos tea.

=> d his

(FILE 'HOME' ENTERED AT 23:20:15 ON 25 MAY 2005)

FILE 'USPATFULL' ENTERED AT 23:21:05 ON 25 MAY 2005

FILE 'USPATFULL, USPAT2' ENTERED AT 23:21:21 ON 25 MAY 2005

E STAGGS/IN

L1 5 S E15
 L2 8199 S PEPPER
 L3 930 S PEPPER/CLM
 L4 67727 S (ANTIBACTER? OR ANTIMICROBI?)
 L5 11319 S (ANTIBACTER? OR ANTIMICROBI?)/CLM
 L6 857 S L2 AND L4
 L7 14 S L3 AND L5

=> file medline

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	34.60	36.21

FILE 'MEDLINE' ENTERED AT 23:27:53 ON 25 MAY 2005

FILE LAST UPDATED: 25 MAY 2005 (20050525/UP). FILE COVERS 1950 TO DATE.

On December 19, 2004, the 2005 MeSH terms were loaded.

The MEDLINE reload for 2005 is now available. For details enter HELP RLOAD at an arrow prompt (=>). See also:

<http://www.nlm.nih.gov/mesh/>
http://www.nlm.nih.gov/pubs/techbull/nd04/nd04_mesh.html

OLDMEDLINE now back to 1950.

MEDLINE thesauri in the /CN, /CT, and /MN fields incorporate the MeSH 2005 vocabulary.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s pepper

L8 1362 PEPPER

=> s (antibacter? or antimicrobi?)

22773 ANTIBACTER?

42008 ANTIMICROBI?

L9 61538 (ANTIBACTER? OR ANTIMICROBI?)

=> s l8 and l9

L10 11 L8 AND L9

=> d 1-11

L10 ANSWER 1 OF 11 MEDLINE on STN

Full Text Citings
 Text References

AN 2004446728 MEDLINE

DN PubMed ID: 15354321

TI Effect of red **pepper** *Capsicum annuum* var. *conoides* and garlic *Allium sativum* on plasma lipid levels and cecal microflora in mice fed beef tallow.

AU Kuda Takashi; Iwai Akiko; Yano Toshihiro

CS Department of Food Science, Ishikawa Agricultural College, Nonoichi,

Japan.. kuda@ishikawa-c.ac.jp

SO Food and chemical toxicology : an international journal published for the British Industrial Biological Research Association, (2004 Oct) 42 (10) 1695-1700.

Journal code: 8207483. ISSN: 0278-6915.

CY England: United Kingdom

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals

EM 200409

ED Entered STN: 20040910

Last Updated on STN: 20040921

Entered Medline: 20040920

L10 ANSWER 2 OF 11 MEDLINE on STN

Full Text	Citing References
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AN 2003380803 MEDLINE

DN PubMed ID: 12916768

TI Isolation and in vitro and in vivo activity against *Phytophthora capsici* and *Colletotrichum orbiculare* of phenazine-1-carboxylic acid from *Pseudomonas aeruginosa* strain GC-B26.

AU Lee Jung Yeop; Moon Surk Sik; Hwang Byung Kook

CS Laboratory of Molecular Plant Pathology, College of Life and Environmental Sciences, Korea University, Seoul 136-701, Korea.

SO Pest management science, (2003 Aug) 59 (8) 872-82.

Journal code: 100898744. ISSN: 1526-498X.

CY United States

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals

EM 200401

ED Entered STN: 20030815

Last Updated on STN: 20040124

Entered Medline: 20040123

L10 ANSWER 3 OF 11 MEDLINE on STN

Full Text	Citing References
-----------	-------------------

AN 2003256963 MEDLINE

DN PubMed ID: 12781814

TI **Antibacterial** activity of *Rosa damascena* essential oil.

AU Basim E; Basim H

CS University of Suleyman Demirel, Faculty of Agriculture, Department of Plant Protection, Isparta, Turkey.. ebasim@yahoo.com

SO Fitoterapia, (2003 Jun) 74 (4) 394-6.

Journal code: 16930290R. ISSN: 0367-326X.

CY Netherlands

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals

EM 200309

ED Entered STN: 20030604

Last Updated on STN: 20030909

Entered Medline: 20030908

L10 ANSWER 4 OF 11 MEDLINE on STN

Full Text	Citing References
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AN 2003255132 MEDLINE

DN PubMed ID: 12779121
 TI The sweet **pepper** ferredoxin-like protein (pflp) conferred resistance against soft rot disease in *Oncidium orchid*.
 AU Liao Chia-Hui; Lu Jian-Cheng; Prasad Venkatesh; Hsiao Hsin-hao; You Su-Juan; Lee Jent-turn; Yang Ning-Sun; Huang Hsiang-En; Feng Teng-Yung; Chen Wen-Huei; Chan Ming-Tsair
 CS Institute of BioAgricultural Sciences, Academia Sinica, Taiwan 11529, Republic of China.
 SO Transgenic research, (2003 Jun) 12 (3) 329-36.
 Journal code: 9209120. ISSN: 0962-8819.
 CY Netherlands
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 200402
 ED Entered STN: 20030604
 Last Updated on STN: 20040221
 Entered Medline: 20040220

L10 ANSWER 5 OF 11 MEDLINE on STN

Full Text	Citing References
-----------	-------------------

AN 2003224182 MEDLINE
 DN PubMed ID: 12745238
 TI **Antibacterial** activity of Capsicum extract against *Salmonella typhimurium* and *Pseudomonas aeruginosa* inoculated in raw beef meat.
 AU Careaga Monica; Fernandez Elizabeth; Dorantes Lidia; Mota Lydia; Jaramillo Maria Eugenia; Hernandez-Sanchez Humberto
 CS Departamento de Ingenieria Bioquimica, Alimentos, Escuela Nacional de Ciencias Biologicas, Instituto Politecnico Nacional, Carpio y Plan de Ayala, A.P. 42-186, Mexico 11340, D.F., Mexico.
 SO International journal of food microbiology, (2003 Jun 25) 83 (3) 331-5.
 Journal code: 8412849. ISSN: 0168-1605.
 CY Netherlands
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 200309
 ED Entered STN: 20030515
 Last Updated on STN: 20030923
 Entered Medline: 20030922

L10 ANSWER 6 OF 11 MEDLINE on STN

Full Text	Citing References
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AN 2003159166 MEDLINE
 DN PubMed ID: 12676678
 TI Isolation and antifungal and antioomycete activities of aerugine produced by *Pseudomonas fluorescens* strain MM-B16.
 AU Lee Jung Yeop; Moon Surk Sik; Hwang Byung Kook
 CS Laboratory of Molecular Plant Pathology, College of Life and Environmental Sciences, Korea University, Seoul 136-701, Korea.
 SO Applied and environmental microbiology, (2003 Apr) 69 (4) 2023-31.
 Journal code: 7605801. ISSN: 0099-2240.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 OS GENBANK-AY196702
 EM 200306

ED Entered STN: 20030406
 Last Updated on STN: 20030625
 Entered Medline: 20030624

L10 ANSWER 7 OF 11 MEDLINE on STN

Full Text	Citing References
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AN 2002680656 MEDLINE
 DN PubMed ID: 12440950
 TI The latex-fruit syndrome.
 AU Wagner S; Breiteneder H
 CS Department of Pathophysiology, University of Vienna, AKH-EBO 3Q,
 Waehringer Guertel 18-20, Austria.. Stefan.Wagner@akh-wien.ac.at
 SO Biochemical Society transactions, (2002 Nov) 30 (Pt 6) 935-40. Ref: 45
 Journal code: 7506897. ISSN: 0300-5127.
 CY England: United Kingdom
 DT Journal; Article; (JOURNAL ARTICLE)
 General Review; (REVIEW)
 (REVIEW, TUTORIAL)
 LA English
 FS Priority Journals
 EM 200306
 ED Entered STN: 20021121
 Last Updated on STN: 20030611
 Entered Medline: 20030610

L10 ANSWER 8 OF 11 MEDLINE on STN

Full Text	Citing References
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AN 2000413479 MEDLINE
 DN PubMed ID: 10820108
 TI Structure elucidation and antifungal activity of an anthracycline
 antibiotic, daunomycin, isolated from Actinomadura roseola.
 AU Kim B S; Moon S S; Hwang B K
 CS Department of Agricultural Biology, Korea University, Seoul 136-701,
 Korea.
 SO Journal of agricultural and food chemistry, (2000 May) 48 (5) 1875-81.
 Journal code: 0374755. ISSN: 0021-8561.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 200008
 ED Entered STN: 20000907
 Last Updated on STN: 20000907
 Entered Medline: 20000828

L10 ANSWER 9 OF 11 MEDLINE on STN

Full Text	Citing References
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AN 2000200815 MEDLINE
 DN PubMed ID: 10736000
 TI **Antimicrobial** agents from plants: **antibacterial** activity of plant
 volatile oils.
 AU Dorman H J; Deans S G
 CS Aromatic and Medicinal Plant Group, Scottish Agricultural College,
 Auchincruive, South Ayrshire, UK.
 SO Journal of applied microbiology, (2000 Feb) 88 (2) 308-16.
 Journal code: 9706280. ISSN: 1364-5072.
 CY ENGLAND: United Kingdom

DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 200004
 ED Entered STN: 20000505
 Last Updated on STN: 20000505
 Entered Medline: 20000427

L10 ANSWER 10 OF 11 MEDLINE on STN

Full Text	Citing References
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AN 86055075 MEDLINE
 DN PubMed ID: 4064797
 TI **Antibacterial** properties of some spice plants before and after heat treatment.
 AU Chen H C; Chang M D; Chang T J
 SO Zhonghua min guo wei sheng wu ji mian yi xue za zhi = Chinese journal of microbiology and immunology, (1985 Aug) 18 (3) 190-5.
 Journal code: 8008067. ISSN: 0253-2662.
 CY TAIWAN: Taiwan, Province of China
 DT Journal; Article; (JOURNAL ARTICLE)
 LA Chinese
 FS Priority Journals
 EM 198601
 ED Entered STN: 19900321
 Last Updated on STN: 19900321
 Entered Medline: 19860108


L10 ANSWER 11 OF 11 MEDLINE on STN

Full Text	Citing References
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AN 76227600 MEDLINE
 DN PubMed ID: 947107
 TI **Antimicrobial** substances in certain members of Solanaceae. IV. Detection of active principles in **pepper** plant.
 AU Saber M S
 SO Zentralblatt fur Bakteriologie, Parasitenkunde, Infektionskrankheiten und Hygiene. Zweite naturwissenschaftliche Abt.: Allgemeine, landwirtschaftliche und technische Mikrobiologie, (1976) 131 (2) 110-2.
 Journal code: 0414371. ISSN: 0044-4057.
 CY GERMANY, EAST: German Democratic Republic
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 197609
 ED Entered STN: 19900313
 Last Updated on STN: 19900313
 Entered Medline: 19760901

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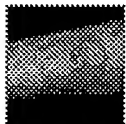
Cellulitis

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Contents of this page:

- [Illustrations](#)
- [Alternative names](#)
- [Definition](#)
- [Causes, incidence, and risk factors](#)
- [Symptoms](#)
- [Signs and tests](#)
- [Treatment](#)
- [Expectations \(prognosis\)](#)
- [Complications](#)
- [Calling your health care provider](#)
- [Prevention](#)

Illustrations



[Cellulitis](#)



[Cellulitis on the arm](#)

Alternative names [Return to top](#)

Skin infection - bacterial

Definition [Return to top](#)

Cellulitis is an acute inflammation of the connective tissue of the skin, caused by infection with staphylococcus, streptococcus or other bacteria (see also [cellulitis - streptococcal](#)).

Causes, incidence, and risk factors [Return to top](#)

The skin normally has many types of bacteria living on it, but intact skin is an effective barrier that keeps these bacteria from entering and growing within the body. When there is a break in the skin, however, bacteria can enter the body and grow there, causing infection and inflammation. The skin tissues in the infected area become red, hot, irritated and painful.

Cellulitis is most common on the face and lower legs, although skin on other areas of the body may sometimes be involved.

Risk factors for cellulitis include:

- Insect bites and stings, animal bite, or human bite
- Injury or trauma with a break in the skin (skin wounds)
- History of peripheral vascular disease
- Diabetes-related or ischemic ulcers
- Recent cardiovascular, pulmonary (lung), dental or other procedures
- Use of immunosuppressive or corticosteroid medications

Symptoms [Return to top](#)

- Localized skin redness or inflammation that increases in size as the infection spreads
- Tight, glossy, "stretched" appearance of the skin
- Pain or tenderness of the area
- Skin lesion or rash (macule):
 - Sudden onset
 - Usually with sharp borders
 - Rapid growth within the first 24 hours
- Warmth over the area of redness
- Fever
- Other signs of infection:
 - Chills, shaking
 - Warm skin, sweating
 - Fatigue
 - Muscle aches, pains (myalgias)
 - General ill feeling (malaise)

Additional symptoms that may be associated with this disease:

- Nausea and vomiting
- Joint stiffness caused by swelling of the tissue over the joint
- Hair loss at the site of infection

Signs and tests [Return to top](#)

During a physical examination, the doctor may find localized swelling. Occasionally, swollen glands (lymph nodes) can be detected near the cellulitis.

Tests that may be used:

- A CBC may show an elevated white blood cell count, and indicates a bacterial infection.
- A blood culture may be performed if generalized infection is suspected.

Treatment [Return to top](#)

Cellulitis treatment may require hospitalization if it is severe enough to warrant intravenous antibiotics and close observation. At other times, treatment with oral antibiotics and close outpatient follow-up is enough. Treatment is focused on control of the infection and prevention of complications.

Antibiotics are given to control infection, and analgesics may be needed to control pain.

Elevate the infected area, usually higher than the heart, to minimize swelling. Apply warm, moist compresses to the site to fight infection by increasing blood supply to the tissues. Rest until symptoms improve.

Expectations (prognosis) [Return to top](#)

Cure is possible with 7 to 10 days of treatment. Cellulitis may be more severe in people with chronic diseases and people who are susceptible to infection (immunosuppressed).

Complications [Return to top](#)

- Tissue death (gangrene)
- Sepsis, generalized infection and shock
- Meningitis (if cellulitis is on the face)
- Lymphangitis (inflammation of the lymph vessels)

Calling your health care provider [Return to top](#)

Call your health care provider if symptoms indicate that cellulitis may be present.

Call your health care provider if you are being treated for cellulitis and new symptoms develop, such as persistent fever, drowsiness, lethargy, blistering over the cellulitis, or extension of the red streaks.

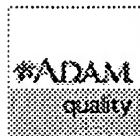
Prevention [Return to top](#)

Avoid skin damage by wearing appropriate protective equipment when participating in work or sports. Also, clean any breaks in the skin carefully and watch for redness, pain, drainage, or other signs of infection.

Finally, maintain good general health and control chronic medical conditions. A body that is healthy can more easily fight bacteria before they multiply and cause infection, while a body that is run down has less protection against infection.

Update Date: 7/2/2004

Updated by: Jonathan Kantor, M.D., Department of Dermatology, University of Pennsylvania Medical Center, Philadelphia, PA. Review provided by VeriMed Healthcare Network.



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Cellulitis

Causes

Cellulitis occurs when one or more types of bacteria enter through a crack or break in your skin. The two most common types of bacteria that cause cellulitis are streptococcus and staphylococcus.

Although cellulitis can occur anywhere on your body, the most common location is the legs, especially near your shins and ankles. Disrupted areas of skin, such as where you've had recent surgery, cuts, puncture wounds, an ulcer, athlete's foot or dermatitis, serve as the most likely areas for bacteria to enter.

Certain types of insect or spider bites also can transmit the bacteria that start the infection. Areas of dry, flaky skin also can be an entry point for bacteria, as can swollen skin.

- [From bacteria to parasites: Understanding the germs that cause infection](#)
- [Athlete's foot](#)
- [Dermatitis/Eczema](#)
- [Insect bites and stings](#)
- [Spider bites](#)
- [Cellulitis: Is it contagious?](#)

Article sections:

- [Overview](#)
- [Signs and symptoms](#)
- [Causes](#)
- [Risk factors](#)
- [When to seek medical advice](#)
- [Screening and diagnosis](#)
- [Complications](#)
- [Treatment](#)
- [Prevention](#)

[< Previous section](#)

[^ Back to top](#)

[Next section >](#)

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March 15, 2004

DS00450

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Athlete's foot

By [Mayo Clinic staff](#)

Overview

Athlete's foot is a common fungal infection that affects many people at some time in their lives. The condition easily spreads in public places such as communal showers, locker rooms and fitness centers.

Usually this condition affects the spaces between your toes, but it can spread to your toenails and the soles and sides of your feet. The infection can also involve your palms and fingers. Although it occurs primarily in adults, athlete's foot can affect children.

Changing socks, keeping your feet dry and alternating shoes can help you prevent athlete's foot. Often, athlete's foot responds well to over-the-counter treatments you can apply to your skin. More severe cases may require oral medications.

Article sections:

- [Overview](#)
- [Signs and symptoms](#)
- [Causes](#)
- [Risk factors](#)
- [When to seek medical advice](#)
- [Screening and diagnosis](#)
- [Complications](#)
- [Treatment](#)
- [Prevention](#)

IMAGE

Athlete's foot



Athlete's foot usually affects the spaces between your toes, but it can ...

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[^ Back to top](#)[Next section >](#)

November 30, 2004

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